

<b>Notice of Allowability</b>	Application No.	Applicant(s)
	09/587,867	BRUNK, SCOTT
	Examiner Le Nguyen	Art Unit 2174

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTO-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to an amendment filed 6/14/2004.
2.  The allowed claim(s) is/are 24-32 and 34.
3.  The drawings filed on 06 June 2000 are accepted by the Examiner.
4.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All
  - b)  Some\*
  - c)  None
 of the:
  1.  Certified copies of the priority documents have been received.
  2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
  - (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1.  Notice of References Cited (PTO-892)
2.  Notice of Draftsperson's Patent Drawing Review (PTO-948)
3.  Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4.  Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5.  Notice of Informal Patent Application (PTO-152)
6.  Interview Summary (PTO-413),  
Paper No./Mail Date 2004 08 25
7.  Examiner's Amendment/Comment
8.  Examiner's Statement of Reasons for Allowance
9.  Other \_\_\_\_\_.

*Kristine Kincaid*  
**KRISTINE KINCAID**  
**SUPERVISORY PATENT EXAMINER**  
**TECHNOLOGY CENTER 2100**

***Allowable Subject Matter***

1. Claims 24-32 and 34 are allowed.
2. The following is an examiner's statement of reasons for allowance:

The present invention is directed to a graphical user interface comprising a scrolling key coupled with a computing device permitting a user to adjust a relative portion of the display screen occupied by a first and second display area in a navigational and marine system comprising the computing device coupled with both a sonic transducer to display depth signal information on a first display area and a GPS antenna to display information corresponding to the location of the system in a second display area.

Each independent claim identifies the uniquely distinct features of the GUI to further comprise "a scrolling key coupled with the computing device, the scrolling key and the computing device permitting a user to selectively adjust a relative portion of the display screen occupied by the first display area and the second display area".

The closes prior art, Chisholm et al. (5,883,817), shows a similar system that also provides a GUI comprising a first display area for displaying location signal, which includes a GPS signal, and a second display area for displaying depth signal information from a sonic transducer wherein the display areas are divided into several windows with minimizing buttons. However, the prior art still fail to anticipate or render the above underlined limitations obvious. Other prior art made of record such as Microsoft Word 2000 is also silent on this claim limitation.

### **EXAMINER'S AMENDMENT**

3. Authorization for this examiner's amendment was given in a telephone interview with Jennifer Bailey on August 27, 2004.

4. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

31. A navigational and marine system comprising:

    a sensor for sensing a sensed condition and for generating a sensor signal representative thereof;

    a GPS antenna for sensing GPS satellite signals;

    a display screen;

    a computing device coupled with the sensor, the GPS antenna, and the display for -

        receiving the sensor signal from the sensor,

        receiving the GPS satellite signals from the GPS antenna

        and for determining a location of the system as a function thereof,

        driving the display so as to display information

        corresponding to the sensor signal on a first display area of the

        display and to display information corresponding to the location of

        the system on a second display area of the display; and

a scrolling key manually actuatable input coupled with the computing device, the input and the computing device permitting a user to selectively adjust a relative portion of the display screen occupied by the first display area and the second display area.

33. (Cancelled)

***Inquires***

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Lê whose telephone number is (703) 305-7601 or (571) 272-4068. The examiner can normally be reached on Monday - Friday from 5:30 am to 2:00 pm (EST).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid, can be reached on (703) 308-0640.

The fax numbers for the organization where this application or proceeding is assigned are as follows:

(703) 872-9306 [Official Communication]

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

LVN  
Patent Examiner  
August 25, 2004